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=> d full his

     (FILE 'HOME' ENTERED AT 13:18:36 ON 10 JAN 2002)

     FILE 'REGISTRY' ENTERED AT 13:18:41 ON 10 JAN 2002
L1             4 SEA ABB=ON  PLU=ON  PHOSPHOFRUCTOKINASE/CN
               D 1-4

     FILE 'HCAPLUS' ENTERED AT 13:19:08 ON 10 JAN 2002

     FILE 'REGISTRY' ENTERED AT 13:19:12 ON 10 JAN 2002
               SET SMARTSELECT ON
L2             SEL PLU=ON  L1 1- CHEM :      39 TERMS
               SET SMARTSELECT OFF

     FILE 'HCAPLUS' ENTERED AT 13:19:13 ON 10 JAN 2002
L3          7317 SEA ABB=ON  PLU=ON  L2
L4             3 SEA ABB=ON  PLU=ON  L3 (L) (CORYNEFORM OR  CORYNEFORM BACTERIA
               OR (BACTERIA (L) CORYNEFORM))
               D IBIB AB 1-3

     FILE 'HCAPLUS' ENTERED AT 13:22:12 ON 10 JAN 2002

     FILE 'REGISTRY' ENTERED AT 13:22:22 ON 10 JAN 2002
               SET SMARTSELECT ON
L5             SEL PLU=ON  L1 1- CHEM :      39 TERMS
               SET SMARTSELECT OFF

     FILE 'HCAPLUS' ENTERED AT 13:22:24 ON 10 JAN 2002
L6          7317 SEA ABB=ON  PLU=ON  L5
L7             3 SEA ABB=ON  PLU=ON  L6 (L) (CORYNEFORM OR  CORYNEFORM BACTERIA
               OR (BACTERIA (L) CORYNEFORM) )
               D IBIB AB 1-3
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=> d ibib ab 1-3

L4 ANSWER 1 OF 3 HCAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2001:396523 HCAPLUS
DOCUMENT NUMBER: 135:2880
TITLE: The pfk gene of Corynebacterium glutamicum and its use in increasing yields of lysine in fermentation
INVENTOR(S): Mockel, Bettina; Pfefferle, Walter
PATENT ASSIGNEE(S): Degussa A.-G., Germany
SOURCE: Eur. Pat. Appl., 19 pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1103613	A1	20010530	EP 2000-125528	20001122
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
DE 19956131	A1	20010531	DE 1999-19956131	19991123
JP 2001186895	A2	20010710	JP 2000-354308	20001121
CN 1297055	A	20010530	CN 2000-132502	20001123
BR 2000005543	A	20010807	BR 2000-5543	20001123

PRIORITY APPLN. INFO.: DE 1999-19956131 A 19991123
AB The pfk gene of Corynebacterium glutamicum ATCC13032 encoding a **phosphofructokinase** is cloned and characterized for use in increasing the efficiency of fermn. of lysine by **coryneform bacteria**. The gene was identified by querying a C. glutamicum sequence database for homologs of known pfk genes.
REFERENCE COUNT: 4
REFERENCE(S): (1) Ajinomoto Kk; EP 1010755 A 2000 HCAPLUS
(2) Basf Ag; WO 0100844 A 2001 HCAPLUS
(3) Kiyoshi, N; Microorganisms in amino acid fermentation 1972
(4) Kyowa Hakko Kogyo Kk; JP 63102692 A 1988 HCAPLUS

L4 ANSWER 2 OF 3 HCAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2001:393183 HCAPLUS
DOCUMENT NUMBER: 135:16690
TITLE: The pfkA gene of Corynebacterium glutamicum and its use in increasing yields of lysine in fermentation
INVENTOR(S): Moeckel, Bettina; Pfefferle, Walter
PATENT ASSIGNEE(S): Degussa-Huels A.-G., Germany
SOURCE: Ger. Offen., 12 pp.
CODEN: GWXXBX
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 10011922	A1	20010531	DE 2000-10011922	20000311
EP 1106622	A2	20010613	EP 2000-122746	20001019
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
CN 1297054	A	20010530	CN 2000-132480	20001121
JP 2001186896	A2	20010710	JP 2000-354681	20001121
BR 2000005531	A	20010807	BR 2000-5531	20001123

PRIORITY APPLN. INFO.: DE 1999-19956133 A1 19991123
DE 2000-10011922 A 20000311
AB The pfkA gene of Corynebacterium glutamicum ATCC13032 encoding a **phosphofructokinase** is cloned and characterized for use in increasing the efficiency of fermn. of lysine by **coryneform bacteria**. The gene was identified by querying a C. glutamicum sequence database for homologs of known pfkA genes.

L4 ANSWER 3 OF 3 HCAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 2000:900776 HCAPLUS
DOCUMENT NUMBER: 134:67152
TITLE: L-lysine production with **coryneform** bacterium **6-phosphofructokinase** coding pfk gene
INVENTOR(S): Sugimoto, Masakazu; Nakamura, Jun; Izui, Hiroshi; Kimura, Eiichiro; Ito, Hisao; Nakamatsu, Tsuyoshi; Kurahashi, Osamu
PATENT ASSIGNEE(S): Ajinomoto Co., Inc., Japan
SOURCE: PCT Int. Appl., 31 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000077172	A1	20001221	WO 2000-JP3736	20000608

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

PRIORITY APPLN. INFO.: JP 1999-168377 A 19990615
JP 1999-311111 A 19991101

AB A **coryneform** bacterium having an enhanced **6-phosphofructokinase** activity in cell and being capable of producing L-lysine; a process for producing L-lysine in the above **coryneform** bacterium; and a DNA usable in enhancing the **6-phosphofructokinase** activity, are disclosed. E. coli (pfkB) gene coding for **6-phosphofructokinase** was expressed in Brevibacterium lactofermentum. Increased prodn. of L-lysine was obsd. in the transformants. A gene (pfk) coding for **6-phosphofructokinase** was cloned from Brevibacterium lactofermentum.

REFERENCE COUNT: 8
REFERENCE(S):
(1) Dijkhuizen, L; APPLIED AND ENVIRONMENTAL MICROBIOLOGY 1997, V63(3), P956
(2) Dijkhuizen, L; APPLIED AND ENVIRONMENTAL MICROBIOLOGY 1997, V63(3), P956
(3) Fevzi, D; Gene 1984, V28, P337
(7) Kyowa Hakko Kogyo Kk; JP 63102692 A 1988 HCAPLUS
(8) Kyowa Hakko Kogyo Kk; JP 63102692 A 1988 HCAPLUS
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d ibib ab 1-3

L7 ANSWER 1 OF 3 HCAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2001:396523 HCAPLUS
DOCUMENT NUMBER: 135:2880
TITLE: The pfk gene of Corynebacterium glutamicum and its use in increasing yields of lysine in fermentation
INVENTOR(S): Mockel, Bettina; Pfefferle, Walter
PATENT ASSIGNEE(S): Degussa A.-G., Germany
SOURCE: Eur. Pat. Appl., 19 pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1103613	A1	20010530	EP 2000-125528	20001122
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
DE 19956131	A1	20010531	DE 1999-19956131	19991123
JP 2001186895	A2	20010710	JP 2000-354308	20001121
CN 1297055	A	20010530	CN 2000-132502	20001123
BR 2000005543	A	20010807	BR 2000-5543	20001123

PRIORITY APPLN. INFO.: DE 1999-19956131 A 19991123
AB The pfk gene of Corynebacterium glutamicum ATCC13032 encoding a **phosphofructokinase** is cloned and characterized for use in increasing the efficiency of fermn. of lysine by **coryneform bacteria**. The gene was identified by querying a C. glutamicum sequence database for homologs of known pfk genes.
REFERENCE COUNT: 4
REFERENCE(S):
(1) Ajinomoto Kk; EP 1010755 A 2000 HCAPLUS
(2) Basf Ag; WO 0100844 A 2001 HCAPLUS
(3) Kiyoshi, N; Microorganisms in amino acid fermentation 1972
(4) Kyowa Hakko Kogyo Kk; JP 63102692 A 1988 HCAPLUS

L7 ANSWER 2 OF 3 HCAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2001:393183 HCAPLUS
DOCUMENT NUMBER: 135:16690
TITLE: The pfkA gene of Corynebacterium glutamicum and its use in increasing yields of lysine in fermentation
INVENTOR(S): Moeckel, Bettina; Pfefferle, Walter
PATENT ASSIGNEE(S): Degussa-Huels A.-G., Germany
SOURCE: Ger. Offen., 12 pp.
CODEN: GWXXBX
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 10011922	A1	20010531	DE 2000-10011922	20000311
EP 1106622	A2	20010613	EP 2000-122746	20001019
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
CN 1297054	A	20010530	CN 2000-132480	20001121
JP 2001186896	A2	20010710	JP 2000-354681	20001121
BR 2000005531	A	20010807	BR 2000-5531	20001123

PRIORITY APPLN. INFO.: DE 1999-19956133 A1 19991123
DE 2000-10011922 A 20000311
AB The pfkA gene of Corynebacterium glutamicum ATCC13032 encoding a **phosphofructokinase** is cloned and characterized for use in increasing the efficiency of fermn. of lysine by **coryneform bacteria**. The gene was identified by querying a C. glutamicum sequence database for homologs of known pfkA genes.

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Refine Search: l10 and l7 Clear

Search History

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DB Name	Query	Hit Count	Set Name
USPT,PGPB	l10 and l7	3	L11
USPT,PGPB	l9 and (nucleic acid or polynucleotide or nucleotide or DNA or cDNA)	18	L10
USPT,PGPB	l8 and (phosphofructokinase or phosphofructose kinase or furctose phosphate kinase)	18	L9
USPT,PGPB	coryneform or coryneform bacteria	334	L8
USPT,PGPB	l6 or l5 or l4 or l3 or l2 or l1	13059	L7
USPT,PGPB	(((536/23.2)!.CCLS.))	3292	L6
USPT,PGPB	(((435/320.1)!.CCLS.))	10337	L5
USPT,PGPB	(((435/252.32)!.CCLS.))	109	L4
USPT,PGPB	(((435/252.3)!.CCLS.))	5136	L3
USPT,PGPB	(((435/194)!.CCLS.))	781	L2
USPT,PGPB	((435/183)!.CCLS.)	1171	L1

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Search Results - Record(s) 1 through 18 of 18 returned.

☐ 1. Document ID: US 20020004231 A1

L10: Entry 1 of 18 File: PGPB Jan 10, 2002

PGPUB-DOCUMENT-NUMBER: 20020004231
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020004231 A1

TITLE: L-glutamic acid-producing bacterium and method for producing L-glutamic acid

PUBLICATION-DATE: January 10, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Moriya, Mika	Kawasaki-shi		JP	
Izui, Hiroshi	Kawasaki-shi		JP	
Ono, Eiji	Kawasaki-shi		JP	
Matsui, Kazuhiko	Kawasaki-shi		JP	
Ito, Hisao	Kawasaki-shi		JP	
Hara, Yoshihiko	Kawasaki-shi		JP	

US-CL-CURRENT: 435/110; 435/252.3

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw. Desc | Image

☐ 2. Document ID: US 20010019836 A1

L10: Entry 2 of 18 File: PGPB Sep 6, 2001

PGPUB-DOCUMENT-NUMBER: 20010019836
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20010019836 A1

TITLE: L-glutamic acid-producing bacterium and method for producing L-glutamic acid

PUBLICATION-DATE: September 6, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Moriya, Mika	Kawasaki-shi		JP	
Izui, Hiroshi	Kawasaki-shi		JP	
Ono, Eiji	Kawasaki-shi		JP	
Matsui, Kazuhiko	Kawasaki-shi		JP	
Ito, Hisao	Kawasaki-shi		JP	
Hara, Yoshihiko	Kawasaki-shi		JP	

US-CL-CURRENT: 435/110; 435/252.1, 435/252.8

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw Desc | Image

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☐ 3. Document ID: US 6331419 B1

L10: Entry 3 of 18 File: USPT Dec 18, 2001

US-PAT-NO: 6331419
DOCUMENT-IDENTIFIER: US 6331419 B1

TITLE: L-glutamic acid-producing bacterium and method for producing L-glutamic acid

DATE-ISSUED: December 18, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Moriya; Mika	Kawasaki			JPX
Izui; Hiroshi	Kawasaki			JPX
Ono; Eiji	Kawasaki			JPX
Matsui; Kazuhiko	Kawasaki			JPX
Ito; Hisao	Kawasaki			JPX
Hara; Yoshihiko	Kawasaki			JPX

US-CL-CURRENT: 435/110; 435/106, 435/170, 435/252.1, 435/822, 435/880

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw Desc | Image

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☐ 4. Document ID: US 6197559 B1

L10: Entry 4 of 18 File: USPT Mar 6, 2001

US-PAT-NO: 6197559
DOCUMENT-IDENTIFIER: US 6197559 B1

TITLE: L-glutamic acid-producing bacterium and method for producing L-glutamic acid

DATE-ISSUED: March 6, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Moriya; Mika	Kawasaki			JPX
Izui; Hiroshi	Kawasaki			JPX
Ono; Eiji	Kawasaki			JPX
Matsui; Kazuhiko	Kawasaki			JPX
Ito; Hisao	Kawasaki			JPX
Hara; Yoshihiko	Kawasaki			JPX

US-CL-CURRENT: 435/110; 435/847, 435/852

Full | Title | Citation | Front | Review | Classification | Date | Reference | KWIC | Draw. Desc | Image

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☐ 5. Document ID: US 5977331 A

L10: Entry 5 of 18 File: USPT Nov 2, 1999

US-PAT-NO: 5977331
DOCUMENT-IDENTIFIER: US 5977331 A

TITLE: .alpha.-Ketoglutarate dehydrogenase gene

DATE-ISSUED: November 2, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Asakura; Yoko	Kawasaki			JPX
Usuda; Yoshihiro	Kawasaki			JPX
Tsujimoto; Nobuharu	Kawasaki			JPX
Kimura; Eiichiro	Kawasaki			JPX
Abe; Chizu	Kawasaki			JPX
Kawahara; Yoshio	Kawasaki			JPX
Nakamatsu; Tsuyoshi	Kawasaki			JPX
Kurahashi; Osamu	Kawasaki			JPX

US-CL-CURRENT: 536/23.1; 435/106, 435/110, 435/252.32

Full | Title | Citation | Front | Review | Classification | Date | Reference | KWIC | Draw. Desc | Image

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☐ 6. Document ID: US 5955261 A

L10: Entry 6 of 18 File: USPT Sep 21, 1999

US-PAT-NO: 5955261
DOCUMENT-IDENTIFIER: US 5955261 A

TITLE: Method for detecting the presence of group-specific viral mRNA in a sample

DATE-ISSUED: September 21, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kohne; David E.	La Jolla	CA		

US-CL-CURRENT: 435/5; 435/6, 536/23.72, 536/24.3, 536/24.31, 536/24.32, 536/24.33

Full | Title | Citation | Front | Review | Classification | Date | Reference KWMC | Draw Desc | Image

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☐ 7. Document ID: US 5932416 A

L10: Entry 7 of 18 File: USPT Aug 3, 1999

US-PAT-NO: 5932416
DOCUMENT-IDENTIFIER: US 5932416 A

TITLE: Method for detecting the presence of RNA belonging to an organ or tissue cell-type

DATE-ISSUED: August 3, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kohne; David E.	La Jolla	CA	90237	

US-CL-CURRENT: 435/6; 536/23.1, 536/23.5, 536/24.31

Full | Title | Citation | Front | Review | Classification | Date | Reference KWMC | Draw Desc | Image

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☐ 8. Document ID: US 5928864 A

L10: Entry 8 of 18 File: USPT Jul 27, 1999

US-PAT-NO: 5928864
DOCUMENT-IDENTIFIER: US 5928864 A

TITLE: Method for determining the presence of organisms in a sample by detecting transfer nucleic acid

DATE-ISSUED: July 27, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kohne; David E.	La Jolla	CA		

US-CL-CURRENT: 435/6; 536/23.1, 536/24.3, 536/24.31, 536/24.32

Full | Title | Citation | Front | Review | Classification | Date | Reference KWMC | Draw Desc | Image

☐ 9. Document ID: US 5846790 A

L10: Entry 9 of 18 File: USPT Dec 8, 1998

US-PAT-NO: 5846790
DOCUMENT-IDENTIFIER: US 5846790 A

TITLE: Methods of producing L-lysine and L-glutamic acid by fermentation

DATE-ISSUED: December 8, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kimura; Eiichiro	Kawasaki			JPX
Asakura; Yoko	Kawasaki			JPX
Uehara; Akinori	Kawasaki			JPX
Inoue; Sumio	Kawasaki			JPX
Kawahara; Yoshio	Kawasaki			JPX
Yoshihara; Yasuhiko	Kawasaki			JPX
Nakamatsu; Tsuyoshi	Kawasaki			JPX

US-CL-CURRENT: 435/110; 435/111, 435/115, 435/252.1, 435/252.32, 435/840, 435/843

Full | Title | Citation | Front | Review | Classification | Date | Reference KWMC | Draw Desc | Image

☐ 10. Document ID: US 5738989 A

L10: Entry 10 of 18 File: USPT Apr 14, 1998

US-PAT-NO: 5738989
DOCUMENT-IDENTIFIER: US 5738989 A

TITLE: Method for determining the sensitivity of microorganisms to anti microbial agents using ribosomal nucleic acid hybridization

DATE-ISSUED: April 14, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kohne; David E.	La Jolla	CA		

US-CL-CURRENT: 435/6

Full | Title | Citation | Front | Review | Classification | Date | Reference KWMC | Draw Desc | Image

☐ 11. Document ID: US 5738988 A

L10: Entry 11 of 18 File: USPT Apr 14, 1998

US-PAT-NO: 5738988
DOCUMENT-IDENTIFIER: US 5738988 A

TITLE: Method for detecting antimicrobial agents or unknown organisms in a sample using ribosomal probe hybridization

DATE-ISSUED: April 14, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kohne; David E.	La Jolla	CA		

US-CL-CURRENT: 435/6

Full | Title | Citation | Front | Review | Classification | Date | Reference KWMC | Draw Desc | Image

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☐ 12. Document ID: US 5723597 A

L10: Entry 12 of 18 File: USPT Mar 3, 1998

US-PAT-NO: 5723597
DOCUMENT-IDENTIFIER: US 5723597 A

TITLE: Ribosomal nucleic acid probes for detecting organisms or groups of organisms

DATE-ISSUED: March 3, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kohne; David E.	La Jolla	CA		

US-CL-CURRENT: 536/24.3; 536/24.31, 536/24.33

Full | Title | Citation | Front | Review | Classification | Date | Reference KWMC | Draw Desc | Image

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☐ 13. Document ID: US 5714324 A

L10: Entry 13 of 18 File: USPT Feb 3, 1998

US-PAT-NO: 5714324
DOCUMENT-IDENTIFIER: US 5714324 A

TITLE: Methods for producing hybridization probes specific for rRNA subunit subsequences

DATE-ISSUED: February 3, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kohne; David E.	La Jolla	CA		

US-CL-CURRENT: 435/6; 536/25.3

Full | Title | Citation | Front | Review | Classification | Date | Reference KWIC | Draw. Desc | Image

☐ 14. Document ID: US 5688645 A

L10: Entry 14 of 18 File: USPT Nov 18, 1997

US-PAT-NO: 5688645
DOCUMENT-IDENTIFIER: US 5688645 A

TITLE: Method for detecting, identifying, and quantitating non-viral organisms

DATE-ISSUED: November 18, 1997

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kohne; David E.	La Jolla	CA		

US-CL-CURRENT: 435/6; 536/24.3, 536/24.31, 536/24.32

Full | Title | Citation | Front | Review | Classification | Date | Reference KWIC | Draw. Desc | Image

☐ 15. Document ID: US 5641632 A

L10: Entry 15 of 18 File: USPT Jun 24, 1997

US-PAT-NO: 5641632
DOCUMENT-IDENTIFIER: US 5641632 A

TITLE: Method for preparing rRNA for hybridization with a probe

DATE-ISSUED: June 24, 1997

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kohne; David E.	La Jolla	CA		

US-CL-CURRENT: 435/6; 435/5, 435/91.1, 435/91.2, 536/24.3, 536/24.31, 536/24.32

Full | Title | Citation | Front | Review | Classification | Date | Reference KWIC | Draw. Desc | Image

☐ 16. Document ID: US 5641631 A

L10: Entry 16 of 18 File: USPT Jun 24, 1997

US-PAT-NO: 5641631
DOCUMENT-IDENTIFIER: US 5641631 A

TITLE: Method for detecting, identifying, and quantitating organisms and viruses

DATE-ISSUED: June 24, 1997

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kohne; David E.	La Jolla	CA		

US-CL-CURRENT: 435/6; 435/91.2, 536/24.3, 536/24.31, 536/24.32, 536/24.33

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw Desc | Image

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☐ 17. Document ID: US 5601984 A

L10: Entry 17 of 18 File: USPT Feb 11, 1997

US-PAT-NO: 5601984
DOCUMENT-IDENTIFIER: US 5601984 A

TITLE: Method for detecting, the presense or amount of a taxonomic group of organisms using specific R-RNA subsequences as probes

DATE-ISSUED: February 11, 1997

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kohne; David E.	La Jolla	CA		

US-CL-CURRENT: 435/6

Full | Title | Citation | Front | Review | Classification | Date | Reference | KWIC | Draw Desc | Image

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☐ 18. Document ID: US 5567587 A

L10: Entry 18 of 18 File: USPT Oct 22, 1996

US-PAT-NO: 5567587
DOCUMENT-IDENTIFIER: US 5567587 A

TITLE: Method for detecting, the presence and amount of prokaryotic organisms using specific rRNA subsequences as probes

DATE-ISSUED: October 22, 1996

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kohne; David E.	La Jolla	CA		

US-CL-CURRENT: 435/6

Full | Title | Citation | Front | Review | Classification | Date | Reference | KWIC | Draw Desc | Image

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Terms	Documents
19 and (nucleic acid or polynucleotide or nucleotide or DNA or cDNA)	18

Display 30 Documents, starting with Document: 18

Display Format: CIT Change Format

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Search Results - Record(s) 1 through 3 of 3 returned.

☐ 1. Document ID: US 20020004231 A1

L11: Entry 1 of 3 File: PGPB Jan 10, 2002

PGPUB-DOCUMENT-NUMBER: 20020004231
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020004231 A1

TITLE: L-glutamic acid-producing bacterium and method for producing L-glutamic acid

PUBLICATION-DATE: January 10, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Moriya, Mika	Kawasaki-shi		JP	
Izui, Hiroshi	Kawasaki-shi		JP	
Ono, Eiji	Kawasaki-shi		JP	
Matsui, Kazuhiko	Kawasaki-shi		JP	
Ito, Hisao	Kawasaki-shi		JP	
Hara, Yoshihiko	Kawasaki-shi		JP	

US-CL-CURRENT: 435/110; 435/252.3

Full | Title | Citation | Front | Review | Classification | Date | Reference | KWMC | Draw Desc | Image

☐ 2. Document ID: US 5977331 A

L11: Entry 2 of 3 File: USPT Nov 2, 1999

US-PAT-NO: 5977331
DOCUMENT-IDENTIFIER: US 5977331 A

TITLE: .alpha.-Ketoglutarate dehydrogenase gene

DATE-ISSUED: November 2, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Asakura; Yoko	Kawasaki			JPX
Usuda; Yoshihiro	Kawasaki			JPX
Tsujimoto; Nobuharu	Kawasaki			JPX
Kimura; Eiichiro	Kawasaki			JPX
Abe; Chizu	Kawasaki			JPX
Kawahara; Yoshio	Kawasaki			JPX
Nakamatsu; Tsuyoshi	Kawasaki			JPX
Kurahashi; Osamu	Kawasaki			JPX

US-CL-CURRENT: 536/23.1; 435/106, 435/110, 435/252.32

Full | Title | Citation | Front | Review | Classification | Date | Reference KWMC | Draw Desc | Image

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☐ 3. Document ID: US 5846790 A

L11: Entry 3 of 3 File: USPT Dec 8, 1998

US-PAT-NO: 5846790
DOCUMENT-IDENTIFIER: US 5846790 A

TITLE: Methods of producing L-lysine and L-glutamic acid by fermentation

DATE-ISSUED: December 8, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kimura; Eiichiro	Kawasaki			JPX
Asakura; Yoko	Kawasaki			JPX
Uehara; Akinori	Kawasaki			JPX
Inoue; Sumio	Kawasaki			JPX
Kawahara; Yoshio	Kawasaki			JPX
Yoshihara; Yasuhiko	Kawasaki			JPX
Nakamatsu; Tsuyoshi	Kawasaki			JPX

US-CL-CURRENT: 435/110; 435/111, 435/115, 435/252.1, 435/252.32, 435/840, 435/843

Full | Title | Citation | Front | Review | Classification | Date | Reference KWMC | Draw Desc | Image

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Terms	Documents
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Display 10 Documents, starting with Document: 3

Display Format: CIT Change Format

L7 ANSWER 3 OF 3 HCAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2000:900776 HCAPLUS
DOCUMENT NUMBER: 134:67152
TITLE: L-lysine production with **coryneform** bacterium **6-phosphofructokinase** coding pfk gene
INVENTOR(S): Sugimoto, Masakazu; Nakamura, Jun; Izui, Hiroshi; Kimura, Eiichiro; Ito, Hisao; Nakamatsu, Tsuyoshi; Kurahashi, Osamu
PATENT ASSIGNEE(S): Ajinomoto Co., Inc., Japan
SOURCE: PCT Int. Appl., 31 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000077172	A1	20001221	WO 2000-JP3736	20000608

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

PRIORITY APPLN. INFO.: JP 1999-168377 A 19990615
JP 1999-311111 A 19991101

AB A **coryneform** bacterium having an enhanced **6-phosphofructokinase** activity in cell and being capable of producing L-lysine; a process for producing L-lysine in the above **coryneform** bacterium; and a DNA usable in enhancing the **6-phosphofructokinase** activity, are disclosed. E. coli (pfkB) gene coding for **6-phosphofructokinase** was expressed in Brevibacterium lactofermentum. Increased prodn. of L-lysine was obsd. in the transformants. A gene (pfk) coding for **6-phosphofructokinase** was cloned from Brevibacterium lactofermentum.

REFERENCE COUNT: 8
REFERENCE(S):
(1) Dijkhuizen, L; APPLIED AND ENVIRONMENTAL MICROBIOLOGY 1997, V63(3), P956
(2) Dijkhuizen, L; APPLIED AND ENVIRONMENTAL MICROBIOLOGY 1997, V63(3), P956
(3) Fevzi, D; Gene 1984, V28, P337
(7) Kyowa Hakko Kogyo Kk; JP 63102692 A 1988 HCAPLUS
(8) Kyowa Hakko Kogyo Kk; JP 63102692 A 1988 HCAPLUS
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=>

=> s phosphofructokinase/cn
L1 4 PHOSPHOFRUCTOKINASE/CN

=> d 1-4

L1 ANSWER 1 OF 4 REGISTRY COPYRIGHT 2002 ACS
RN 78689-77-7 REGISTRY
CN Kinase (phosphorylating), 6-phosphofructo-2- (9CI) (CA INDEX NAME)
OTHER NAMES:
CN 6-Phosphofructo-2-kinase
CN 6-Phosphofructose 2-kinase
CN E.C. 2.7.1.105
CN Fructose 6-phosphate 2-kinase
CN **Phosphofructokinase**
CN Phosphofructokinase 2
MF Unspecified
CI MAN
LC STN Files: AGRICOLA, ANABSTR, BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CAPLUS, CHEMINFORMRX, EMBASE, MEDLINE, MSDS-OHS, TOXCENTER, TOXLIT, USPATFULL

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
517 REFERENCES IN FILE CA (1967 TO DATE)
53 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
518 REFERENCES IN FILE CAPLUS (1967 TO DATE)

L1 ANSWER 2 OF 4 REGISTRY COPYRIGHT 2002 ACS
RN 55326-40-4 REGISTRY
CN Phosphotransferase, pyrophosphate-fructose 6-phosphate 1- (9CI) (CA INDEX NAME)
OTHER NAMES:
CN 6-Phosphofructokinase (pyrophosphate)
CN E.C. 2.7.1.90
CN Inorganic pyrophosphate-dependent phosphofructokinase
CN Inorganic pyrophosphate-phosphofructokinase
CN **Phosphofructokinase**
CN Pyrophosphate D-fructose-6-phosphate 1-phosphotransferase
CN Pyrophosphate-D-fructose 6-phosphate 1-phosphotransferase
CN Pyrophosphate-dependent phosphofructo-1-kinase
CN Pyrophosphate-dependent phosphofructokinase
CN Pyrophosphate-fructose 6-phosphate phosphotransferase
CN Pyrophosphate-fructose-6-phosphate 1-phosphotransferase
DR 59680-68-1
MF Unspecified
CI MAN
LC STN Files: AGRICOLA, BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CABA, CAPLUS, CHEMCATS, EMBASE, MEDLINE, TOXCENTER, TOXLIT, USPATFULL

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
366 REFERENCES IN FILE CA (1967 TO DATE)
366 REFERENCES IN FILE CAPLUS (1967 TO DATE)

L1 ANSWER 3 OF 4 REGISTRY COPYRIGHT 2002 ACS
RN 37278-03-8 REGISTRY
CN Kinase (phosphorylating), 1-phosphofructo- (9CI) (CA INDEX NAME)
OTHER NAMES:
CN 1-Phosphofructokinase
CN D-Fructose-1-phosphate kinase
CN E.C. 2.7.1.56
CN Fructose 1-phosphate kinase
CN **Phosphofructokinase**
CN Phosphofructokinase 1
DR 56379-56-7
MF Unspecified
CI MAN
LC STN Files: AGRICOLA, ANABSTR, BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CABA, CAPLUS, EMBASE, MEDLINE, TOXCENTER, TOXLIT

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

113 REFERENCES IN FILE CA (1967 TO DATE)
113 REFERENCES IN FILE CAPLUS (1967 TO DATE)

L1 ANSWER 4 OF 4 REGISTRY COPYRIGHT 2002 ACS
RN 9001-80-3 REGISTRY
CN Kinase (phosphorylating), phosphofructo- (9CI) (CA INDEX NAME)
OTHER NAMES:
CN 6-Phosphofructo-1-kinase
CN 6-Phosphofructokinase
CN 6-Phosphofructose-1-kinase
CN ATP-dependent phosphofructokinase
CN ATP:D-fructose 6-phosphate 1-phosphotransferase
CN D-Fructose-6-phosphate 1-phosphotransferase
CN E.C. 2.7.1.11
CN Fructose 6-phosphate kinase
CN Fructose 6-phosphokinase
CN Nucleotide triphosphate-dependent phosphofructokinase
CN Phospho-1,6-fructokinase
CN **Phosphofructokinase**
CN Phosphofructokinase 1
CN Phosphohexokinase
MF Unspecified
CI MAN
LC STN Files: AGRICOLA, ANABSTR, BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CABA, CAPLUS, CASREACT, CEN, CHEMCATS, CHEMLIST, CIN, CSCHEM, EMBASE, IPA, MEDLINE, MSDS-OHS, NAPRALERT, PROMT, TOXCENTER, TOXLIT, USPATFULL
Other Sources: EINECS**, TSCA**
(**Enter CHEMLIST File for up-to-date regulatory information)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
4589 REFERENCES IN FILE CA (1967 TO DATE)
17 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
4593 REFERENCES IN FILE CAPLUS (1967 TO DATE)